

IN THE CLAIMS

Please substitute claims 1-20 with the following:

1. (Currently Amended) A communications relay device operatively connected between an external network and a local network in which a plurality of control terminals are connected, the communications relay device comprising:

session control means for controlling a first session status of a first data communication session on a first of the plurality of control terminals in which data associated with the first session is received from the external network, and for controlling access to the first session in accordance with a processing request received from one of the control terminals, the session control means has a session control table that includes each session status for each data communication session on each of the control terminals in which data associated with the respective session is received from the external network via the communications relay device, each session status in the session control table including at least one permit address, each permit address corresponding to a respective one of the control terminals permitted to receive data associated with the respective session; and

address conversion means for converting a destination address of data associated with the first session and received from the external network via the communications relay device, wherein:

when the processing request is a resume request, said session control means rewrites the first session status in the session control table in accordance with the resume request from said one control terminal when the one control terminal providing the processing request corresponds to the at least one permit address of the first session status, and outputs an address rewrite

processing request to said address conversion means, and said address conversion means rewrites the destination address of the data associated with the first session based on the address rewrite processing request from said session control means.

2. (Currently Amended) A communications relay device according to claim 1, wherein the processing request is a pause request from said first control terminal and said session control means temporarily stops the relay of data associated with the first data communication session on said first control terminal based on the pause request from said first control terminal.

3. (Currently Amended) A communications relay device according to claim 1, wherein the resume request includes a session identifier and said session control means outputs the address rewrite processing request in accordance with the session identifier so that said address conversion means rewrites the destination address of the data associated with the first data communication session designated by the session identifier.

4. (Currently Amended) A communications relay device according to claim 1, wherein when the processing request is a list request, said session control means outputs a list to said one control terminal, the list identifying each data communication session having a session status controlled by the session control means and that the one control terminal is able to selectively access in accordance with the at least one permit address associated with each session status in the control session table.

5. (Currently Amended) A communications relay device according to claim 1, wherein when the processing request is a call request from the first control terminal, said session control means outputs a list to a destination terminal contained in the call request, the list identifying

each session on the first control terminal that the one control terminal is able to selectively access in accordance with the at least one permit address associated with each session status in the control session table.

6. (Previously presented) A communications relay device according to claim 1, wherein copy processing or cache processing of relay data in said communications relay device is executed in response to the processing request being a pause request from said first control terminal.

7. (Currently Amended) A communications relay device according to claim 1, ~~further comprising: a session control table that matches~~ wherein the first session status with includes a session identifier corresponding to the first session on said first control terminal, wherein said session control means controls the first session status based on said session control table, and rewrites the first session status when the processing request is one of a pause request and a resume request.

8. (Currently Amended) A communications relay device according to claim 7, wherein the first session status in said session control table includes a destination address and a source address corresponding to said session identifier.

9. (Currently Amended) A communications relay method in a communications relay device for implementing relay processing between an external network and a local network in which a plurality of control terminals are connected to the local network, said method comprising:

controlling a first session status of a first data communication session on a first of the plurality of control terminals in which data associated with the first session is received from the external network via the communications relay device;

controlling access to the first session in accordance with a processing request received from one of the control terminals and a session control table, the session control table including each session status for each data communication session on each of the control terminals in which data associated with the respective session is received from the external network via the communications relay device, each session status in the session control table including at least one permit address, each permit address corresponding to a respective one of the control terminals permitted to receive data associated with the respective session; and

converting a destination address of data associated with the first session and received from the external network via the communications relay device, wherein:

the step of controlling the first session status comprises, when the processing request is a resume request, rewriting the first session status in the session control table in accordance with the processing request from said one control terminal when the one control terminal providing the processing request corresponds to the at least one permit address of the first session status, and generating an address rewrite processing request, and

the step of converting a destination address comprises rewriting the destination address of the data associated with ~~said~~ the first session based on the address rewrite processing request.

10. (Currently Amended) A communications relay method according to claim 9, wherein the processing request is a pause request from said first control terminal and the step of controlling the session status comprises temporarily stopping the relay of data associated with the first data communication session on said first control terminal based on the pause request from said first control terminal.

11. (Currently Amended) A communications relay method according to claim 9, wherein the resume request includes a session identifier and the step of controlling the session status comprises outputting the address rewrite processing request in accordance with the session identifier so that said address conversion means rewrites the destination address of the data associated with the first data communication session designated by the session identifier.

12. (Currently Amended) A communications relay method according to claim 9, wherein, when the processing request is a list request, the step of controlling the session status comprises, outputting a list to the one control terminal, the list identifying each data communication session having a session status controlled by the session control means and that the one control terminal is able to selectively access in accordance with the at least one permit address associated with each session status in the control session table.

13. (Currently Amended) A communications relay method according to claim 9, wherein when the processing request is a call request from the first control terminal, the step of controlling the session status comprises outputting a list to a destination terminal contained in the

call request the list identifying each session on the first control terminal that the one control terminal is able to selectively access in accordance with the at least one permit address associated with each session status in the control session table.

14. (Previously presented) A communications relay method according to claim 9, further comprises a step to execute copy processing or cache processing of relay data in said communications relay device in response to the processing request being a pause request from said first control terminal.

15. (Currently Amended) A communications terminal device for receiving data by way of a communications relay device, said communications relay device being operatively connected between an external network and a local network in which a plurality of control terminals are connected, the communications relay device including:

session control means for controlling a first session status of a first data communication session on a first of the plurality of control terminals in which data associated with the first session is received from the external network and for controlling access to the first session in accordance with a processing request received from one of the control terminals, the session control means has a session control table that includes each session status for each data communication session on each of the control terminals in which data associated with the respective session is received from the external network via the communications relay device, each session status in the session control table including at least one permit address, each permit address corresponding to a respective one of the control terminals permitted to receive data associated with the respective session; and

address conversion means for converting a destination address of data associated with the first session and received from the external network via the communications relay device, wherein:

when the processing request is a resume request, said session control means rewrites the first session status in the session control table in accordance with the resume request from said one control terminal when the one control terminal providing the processing request corresponds to the at least one permit address of the first session status, and outputs an address rewrite processing request to said address conversion means, and said address conversion means rewrites the destination address of the data associated with the first session based on the address rewrite processing request from said session control means, and

wherein said communications terminal device is the one control terminal operatively configured to output to said communications relay device the resume request as the processing request.

16. (Currently Amended) A communications terminal device according claim 15, wherein said communications terminal device is operatively configured to output a pause request to said communications relay device to temporarily stop the on-going relay of data associated with the first data communication session ~~in~~ on said first control terminal.

17. (Currently Amended) A communications terminal device according claim 15, wherein said communications terminal device is operatively configured to output to said communications relay device a list request for a list identifying each data communication session having a session status controlled by the session control means and that the communications

terminal is able to selectively access in accordance with the at least one permit address associated with each session status in the control session table.

18. (Currently Amended) A communications terminal device according claim 15, wherein said communications terminal device is operatively configured to output to said communications relay device a call request to prompt said communications relay device to inform a destination terminal of the plurality of control terminals of the first session processed in said communications relay device so that the destination terminal is able to selectively access the session in accordance with the at least one permit address associated with each session status in the control session table.

19. (Previously presented) A communications terminal device according claim 15, wherein said communications terminal device is operatively configured to output to said communications relay device a copy processing request or a cache processing request for relay data in said communications relay device.

20. (Currently Amended) A program storage medium for providing a computer program for executing relay processing between an external network and a local network on a computer system, the computer system comprising a plurality of control terminals connected to the local network, wherein said computer program comprises:

controlling a first session status of a first data communication session on a first of the plurality of control terminals in which data associated with the first session is received from the external network via the communications relay device;

receiving a processing request from one of the control terminals;

controlling access to the first session in accordance with the processing request and a session control table, the session control table including each session status for each data communication session on each of the control terminals in which data associated with the respective session is received from the external network via the communications relay device, each session status in the session control table including at least one permit address, each permit address corresponding to a respective one of the control terminals permitted to receive data associated with the respective session; and

converting a destination address of data associated with the first session and received from the external network via the communications relay device, wherein:

the step of controlling the first session status comprises rewriting the first session status in the session control table in accordance with the processing request from said one control terminal when the one control terminal providing the processing request corresponds to the at least one permit address of the first session status, and generating an address rewrite processing request, and

the step of converting a destination address comprises rewriting the destination address of the data associated with ~~said~~ the first session based on the address rewrite processing request.

21. (New) A communications relay device operatively connected between an external network and a local network in which a plurality of control terminals are connected, the communications relay device comprising:

memory storing a session control table that includes each session status for each data communication session on each of the control terminals in which data associated with the respective session is received from the external network via the communications relay device, each session status in the session control table including at least one permit address, each permit address corresponding to a respective one of the control terminals permitted to receive data associated with the respective session;

a controller operatively configured to control a first session status of a first data communication session on a first of the plurality of control terminals in which data associated with the first session is received from the external network, and to control access to the first session in accordance with a processing request received from one of the control terminals and the session control table; and

address conversion means for converting a destination address of data associated with the first session and received from the external network via the communications relay device, wherein:

when the processing request is a resume request, said controller rewrites the first session status in the session control table in accordance with the resume request from said one control terminal when the one control terminal providing the processing request corresponds to the at least one permit address of the first session status, and outputs an address rewrite processing request to said address conversion means, and said address conversion means rewrites the

destination address of the data associated with the first session based on the address rewrite processing request from said session control means.